Claim 19, line 2, after "converting said " delete "weighted" and replace with --

calculated-- and delete "density" and replace with --weigh--;

Claim 19, lines 2~~2-3~~, delete "for manufacture";

*Change(s) applied
to document,
/K.M.P./
5/2/2011*

Claim 19, line 3, after "converting said " delete "weighted" and replace with --

calculated-- and delete "density" and replace with --weigh--;

Claim 20, line 2, after "converting said " delete "weighted" and replace with --

calculated-- and delete "density" and replace with --weigh--;

Claim 20, lines 2~~2-3~~, delete "for manufacture";

Claim 20, line 3, after "converting said " delete "weighted" and replace with --

calculated-- and delete "density" and replace with --weigh--;

Allowable Subject Matter

4.   Claims 1-20 are allowed.

The following is an examiner's statement of reasons for allowance:

The allowablility of the independent claims resides, at least in part, in that closest

prior art of record Hollister et al. (Homgenization Sample procedure for calculating

Trabecular Bone Effective Stiffness and tissue Level Stress) does not disclose or

suggest, alone or in combination, determining a numerical weighting factor based on a

Claim 4, line 2, after "created " add –using the computer--;

Claim5, line 2, after "created " add –using the computer--;

Claim 16, line 3, change "dividing to –defining--;

Claim 16, line 3, delete "the device into" and add --an initial shape as--;

Claim 16, line 7, delete "and";

Claim 16, line 8, change "element" to --elements--;

Claim 16, line 9, add --to said weighted material density--;

Claim 16, line 10, change "said device' to --the device--;

Claim 16, line 11, change "said device' to --the device--;

Claim 16, line 11, after "said device'" delete ".";

Claim 16, line 11, after bulk erosion of the device" add --; and manufacturing the device based on the calculated material weight.--;

Claim 17, line 2, after "converting said " delete "weighted" and replace with --calculated-- and delete "density" and replace with --weigh--;

Claim 17, line 3, delete "for manufacture" and replace with --prior to said manufacturing--;

Claim 18, lines 2, after "converting said " delete "weighted" and replace with --calculated-- and delete "density" and replace with --weigh--;

Claim 18, line 3̶ 2, delete "for manufacture";

Claim 18, line 3, after "converting said " delete "weighted" and replace with --calculated-- and delete "density" and replace with --weigh--;

Claim 18, line 4,delete "STL" and replace with --Stereo lithographic (STL)--;